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Approved for use through 10/31/2002. OMB 0651-0032

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10727 10/698585  
103103
**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

- |   |   |
|---|---|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original, and a duplicate for fee processing)</i>                                      | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program<br><i>(Appendix)</i>                                 |
| 2. <input type="checkbox"/> Applicant claims small entity status.<br><i>See 37 CFR 1.27</i>   | 8. Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i>  |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages 15]<br><i>(preferred arrangement set forth below, MPEP 1503.01)</i>   | a. <input type="checkbox"/> Computer Readable Form (CRF)  |
| - Descriptive title of the invention  | b. Specification Sequence Listing on:   |
| - Cross Reference to Related Applications.  | i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or   |
| - Statement Regarding Fed sponsored R&D   | ii. <input type="checkbox"/> paper  |
| - Reference to sequence listing, a table, or a computer program listing appendix  | c. <input type="checkbox"/> Statements verifying identity of above copies   |
| - Background of the Invention   | <b>ACCOMPANYING APPLICATION PARTS</b>   |
| - Brief Summary of the Invention  | 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))   |
| - Brief Description of the Drawings (if filed)  | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney<br><i>(when there is an assignee)</i>        |
| - Detailed Description  | 11. <input type="checkbox"/> English Translation Document (if applicable)   |
| - Claim(s)  | 12. <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Copies of IDS Citations<br><i>(IDS)/PTO-1449</i>       |
| - Abstract of the Disclosure  | 13. <input type="checkbox"/> Preliminary Amendment  |
| 4. <input type="checkbox"/> Drawings (37 U.S.C. 113) [Total Sheets ]  | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i>                        |
| 5. Oath or Declaration [Total Pages 4]  | 15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>                                |
| a. <input checked="" type="checkbox"/> Newly executed (unsigned)  | 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br><i>(for continuation/divisional with Box 18 completed)</i>  | 17. <input type="checkbox"/> Other: _____   |
| i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br><i>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</i> |   |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76   |   |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

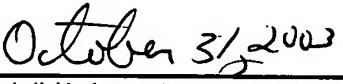
Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.: \_\_\_\_\_ / \_\_\_\_\_  
 Prior application information: \_\_\_\_\_ Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

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Name	Blackwell Sanders Peper Martin, LLP		
	27128		
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Name (Print/Type)	Registration No.		33,654
Rebecca J. Brandau	(Attorney/Agent)		

Signature  Date 

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ 770.00)**Complete if Known**

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Toshio Nakano
Examiner Name	Unknown
Art Unit	Unknown
Attorney Docket No.	718762.2

**METHOD OF PAYMENT** (check one) Check  Credit card  Money  Other  None Deposit Account: OrderDeposit Account Number **11-0160**Deposit Account Name **BLACKWELL SANDERS PEPPER MARTIN LLP**

The Commissioner is authorized to: (check all that apply)

 Charge fees indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION** (continued)**3. ADDITIONAL FEES****Large Entity** **Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	1155	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims			Fee from below	Fee Paid
	13	-20**	= 0	X	=
Independent Claims	3	-3**	= 0	X	=
Multiple Dependent					

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>			<b>(\$)</b>	

\*\*or number previously paid, if greater; For Reissues, see above

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3)** (\$)

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Rebecca J. Brandau	Registration No. (Attorney/Agent)	33,654	Telephone	314-345-6000
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Signature	<i>Rebecca J. Brandau</i>	Date	<i>Oct. 31, 2003</i>
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WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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